

N<sup>o</sup> 13,072



A.D. 1894

Date of Application, 5th July, 1894

Complete Specification Left, 5th Apr., 1895—Accepted, 1st June, 1895

### PROVISIONAL SPECIFICATION.

#### Improvements in Nozzles for Syringes and Collapsible Tubes for Medical Purposes.

I, MYLES WILLIAM O'REILLY of 82 Bedford Road Bootle Physician and Surgeon do hereby declare the nature of this invention to be as follows:—

This invention relates to a nozzle for syringes and collapsible tubes used for injecting substances into the urinary canal and its object is to provide an arrangement by which the substances can be injected without requiring the insertion of the point of the nozzle into the canal.

Instead of forming the nozzle of a slender tube for insertion into the urethra, it is made of sufficient diameter throughout or at the end to allow it to encircle the *meatus urinarius* and escape of the liquid or other substance is prevented by pressing the point of the nozzle against the *glans penis* during the operation. The point of the nozzle may be of circular, oval or other shape suitable for the purpose, and on the tube a short distance from the point is placed a small flange or collar, of sufficient diameter to allow the instrument to be easily held in place against the penis when in use. The nozzle may be fixed permanently to the syringe or collapsible tube or may be detachable and screwed or otherwise fitted to it when required.

The nozzle may in the latter case be sold separately.

Dated this 5th day of May 1894.

GEO. H. RAYNER,

37, Chancery Lane, London, W.C., Agent for the Applicant.

### COMPLETE SPECIFICATION.

#### Improvements in Nozzles for Syringes and Collapsible Tubes for Medical Purposes.

I, MYLES WILLIAM O'REILLY, of 82 Bedford Road, Bootle, Physician and Surgeon, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

This invention relates to a nozzle for syringes and collapsible tubes used for injecting substances into the urinary canal, and its object is to provide an arrangement by which the substances can be injected without requiring the insertion of the point of the nozzle into the canal.

In the accompanying sheet of explanatory drawings—

Figure 1 is an elevation showing my improved nozzle attached to an ordinary syringe, while

Figure 2 is a plan of the same.

Figure 3 is a sectional elevation of the nozzle.

Instead of forming the nozzle of a slender tube for insertion into the urethra, it is made of sufficient diameter or shape throughout or at the end A to allow it to encircle the *meatus urinarius* and escape of the liquid or other substance is prevented by pressing the point of the nozzle against the *glans penis* during the operation.

[Price 8d.]

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*Improvements in Nozzles for Syringes and Collapsible Tubes for Medical Purposes.*

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The point of the nozzle may be of circular, oval or other shape suitable for the purpose, and on the tube a short distance from the point is placed a small flange or collar B, of sufficient diameter to allow the instrument to be easily held in place against the penis when in use. The nozzle may be fixed permanently to the syringe or collapsible tube C or it may be detachable and screwed or otherwise fitted to it 5 when required. The nozzle may in the latter case be sold separately.

Having now particularly described and ascertained the nature of my said invention, and in what manner the same is to be performed, I declare that what I claim is—

The improvements in nozzles for syringes and collapsible tubes, substantially as 10 and for the purposes hereinbefore described and as illustrated in the accompanying drawings.

Dated this 5th day of April 1895.

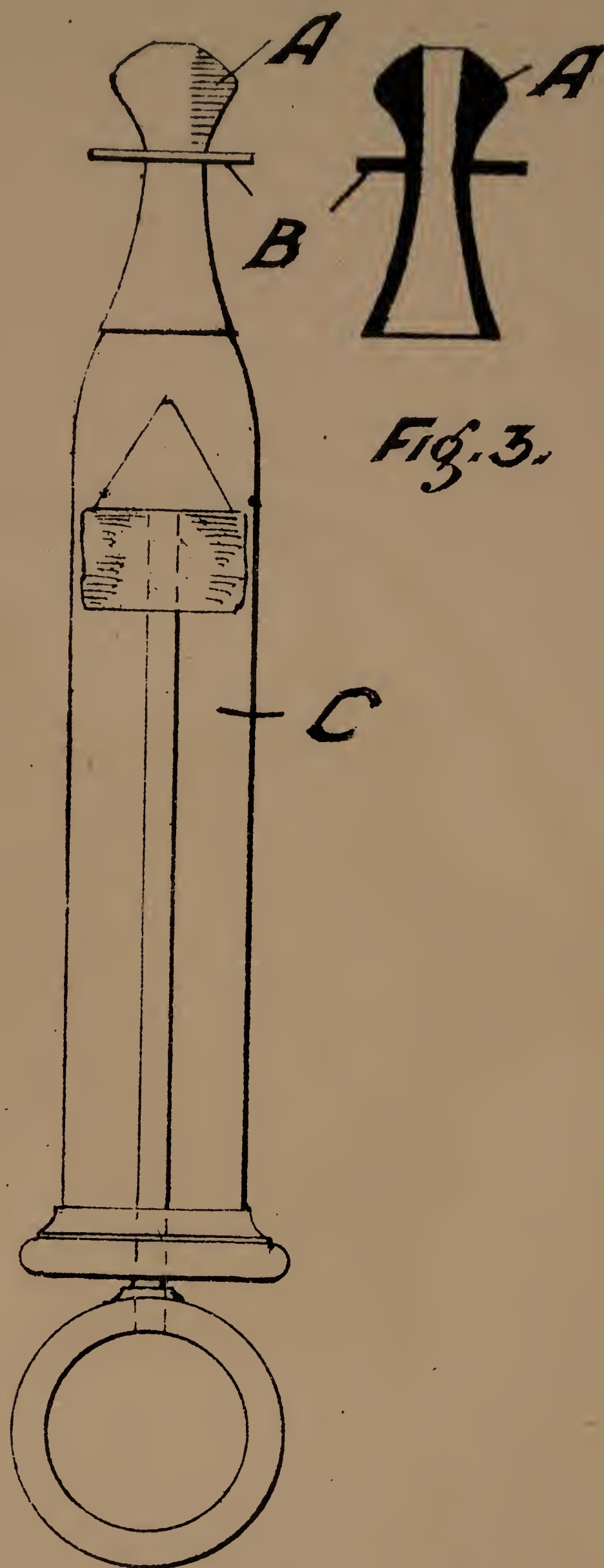
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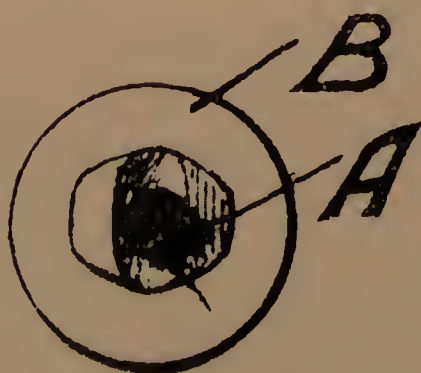






*Fig. 3.*

*Fig. 1.*



*Fig. 2.*

[This Drawing is a full-size reproduction of the Original.]

